

12/11/01  
U.S. PATENT AND TRADEMARK OFFICE

12/14/01

A  
BOY  
S-97  
**PATENT**

Attorney Docket No. NIH175.001C1  
Date: December 11, 2001  
Page 1

JG675 U.S. PRO  
10/014162  
12/11/01

**ASSISTANT COMMISSIONER FOR PATENTS**

**WASHINGTON, D.C. 20231**

**ATTENTION: BOX PATENT APPLICATION**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Ted B. Usdin and Samuel R.J. Hoare**

For:

**PARATHYROID HORMONE RECEPTOR LIGANDS**

Enclosed are:

(X) 24 sheet(s) of drawing.

(X) This application is a continuation of international application number PCT/US00/16776 filed June 15, 2000, and claims the benefit of priority of international application number PCT/US00/16776 having international filing date of June 15, 2000, designating the United States of America and published in English, which claims the benefit of priority of U.S. provisional patent application no. 60/139,335, filed June 15, 1999; both of which are hereby expressly incorporated by reference in their entireties.

(X) Return prepaid postcard.

(X) Sequence Listing.

(X) Sequence Listing in computer readable format.

(X) Sequence Submission Statement.

**CLAIMS AS FILED**

| FOR   | NUMBER<br>FILED | NUMBER<br>EXTRA | RATE    | FEE     |
|---|-----------------|-----------------|---------|---------|
| Basic Fee   |                 |                 | \$740   | \$740   |
| Total Claims  | 19 - 20 =       | 0 ×             | \$18    | \$0     |
| Independent Claims  | 10 - 3 =        | 7 ×             | \$84    | \$588   |
| If application contains any multiple dependent claim(s), then add |                 |                 | \$280   | \$1,328 |
| <b>TOTAL FILING<br/>FEE</b>                                       |                 |                 | \$1,328 |         |

(X) A check in the amount of \$1,328 to cover the filing fee is enclosed.

PATENT

Attorney Docket No. NIH175.001C1

Date: December 11, 2001

Page 2

---

- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.
- (X) Please use Customer No. **20,995** for the correspondence address.



Eric S. Furman, Ph.D.  
Registration No. 45,664  
Attorney of Record

S:\DOCS\ESF\ESF-4544.DOC:sad  
121101

# **Knobbe Martens Olson & Bear LLP**

*Intellectual Property Law*

620 Newport Center Drive  
Sixteenth Floor  
Newport Beach, CA 92660  
Tel 949-760-0404  
Fax 949-760-9502  
[www.kmob.com](http://www.kmob.com)

*Eric S. Furman, Ph.D.*

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

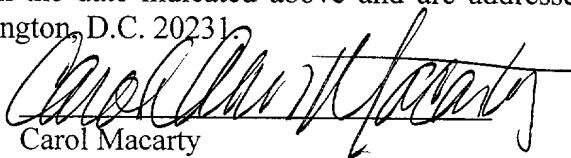
## **CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No.** : NIH175.001C1  
**Applicant(s)** : Usdin, et al.  
**For** : PARATHYROID HORMONE RECEPTOR  
LIGANDS  
**Attorney** : Eric S. Furman, Ph.D.  
**"Express Mail"**  
**Mailing Label No.** : EL 871282403  
**Date of Deposit** : December 11, 2001

I hereby certify that the accompanying

Transmittal letter; specification in 82 pages; 24 sheets of drawings; Sequence Listing in 27 pages; Sequence Submission Statement in 1 page; Sequence Listing in computer readable format on 1 disk; Check(s) for Filing Fee(s); Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231



Carol Macarty

S:\DOCS\ESF\ESF-4548.DOC:sad  
121101

San Diego  
619-235-8550

San Francisco  
415-954-4114

Los Angeles  
310-551-3450

Riverside  
909-781-9231

**PATENT**

Case Docket No. NIH175.001C1  
Date: December 11, 2001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Usdin, et al.  
Appl. No. : Unknown  
Filed : Herewith  
For : PARATHYROID  
HORMONE RECEPTOR  
LIGANDS  
Group Art Unit : Unknown  
Examiner : Unknown

**SEQUENCE SUBMISSION STATEMENT**

**ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231**

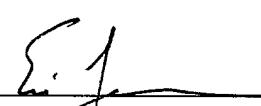
Dear Sir:

A copy of the Sequence Listing in computer readable form as required by 37 C.F.R. §1.821(e) is submitted herewith.

As required by 37 C.F.R. §1821(f), I hereby declare that the information recorded on the enclosed disk is identical to the printed Sequence Listing in the application filed herewith. Accordingly, no new matter has been introduced.

Respectfully submitted,  
KNOBBE, MARTENS, OLSON & BEAR

Date: 12/11/01

  
Eric S. Furman, Ph.D.  
Registration No. 45,664  
Attorney of Record  
620 Newport Center Drive  
Sixteenth Floor  
Newport Beach, CA 92660  
(619) 235-8550